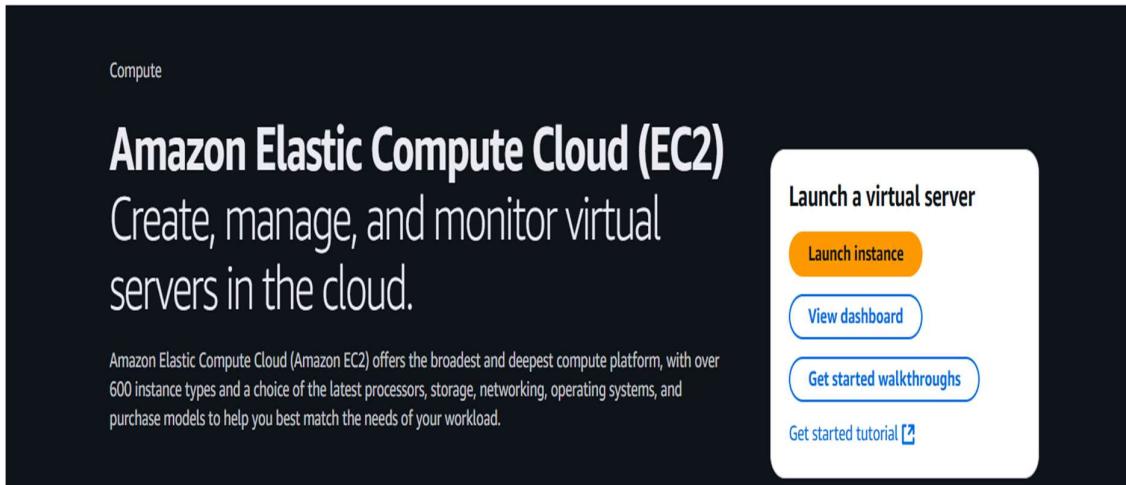
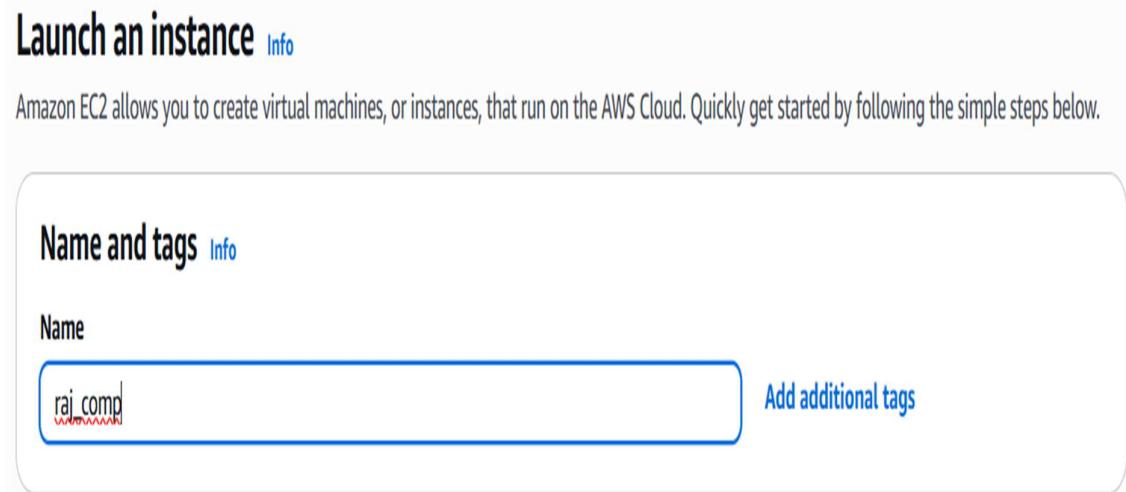


# EC2 service using Linux

## Step 1: open EC2 Service



## Step 2: make Instance



## Step 3: Setup Applications and OS (windows,ubuntu,linux)

Amazon Machine Image (AMI)

Amazon Linux 2023 kernel-6.1 AMI  
ami-0b982602dbb32c5bd (64-bit (x86), uefi-preferred) / ami-0aadd5624e6e34c64 (64-bit (Arm), uefi)  
Virtualization: hvm ENA enabled: true Root device type: ebs

Description

Amazon Linux 2023 (kernel-6.1) is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Amazon Linux 2023 AMI 2023.8.20250908.0 x86\_64 HVM kernel-6.1

Architecture	Boot mode	AMI ID	Publish Date	Username
64-bit (x86) ▾	uefi-preferred	ami-0b982602dbb32c5bd	2025-09-06	ec2-user

## Step 4 : select Instance Type (eg: t3micro free tier)

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t3.micro Free tier eligible

Family: t3 2 vCPU 1 GiB Memory Current generation: true

On-Demand Linux base pricing: 0.0112 USD per Hour On-Demand SUSE base pricing: 0.0112 USD per Hour

On-Demand Windows base pricing: 0.0204 USD per Hour

On-Demand Ubuntu Pro base pricing: 0.0147 USD per Hour On-Demand RHEL base pricing: 0.04 USD per Hour

All generations

Compare instance types

Additional costs apply for AMIs with pre-installed software

## Step 5: create key pair (eg: raj)

### ▼ Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Select



Create new key pair



## Create key pair



### Key pair name

Key pairs allow you to connect to your instance securely.

Enter key pair name

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

### Key pair type



RSA

RSA encrypted private and public key pair



ED25519

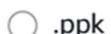
ED25519 encrypted private and public key pair

### Private key file format



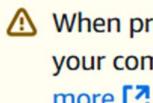
.pem

For use with OpenSSH



.ppk

For use with PuTTY

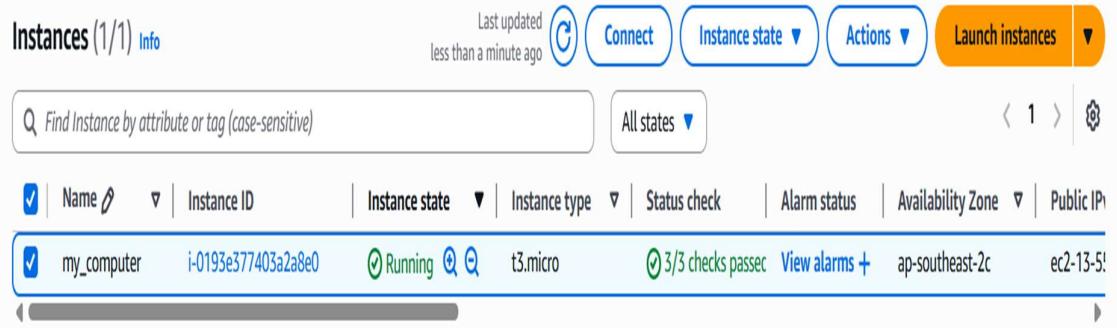


When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

Cancel

Create key pair

## Step 6 : Launch Instances and Connect



## Step 7 : Open CMD and enter commands

1- `C:\Users\Hope Foundation>cd downloads`

2- `ssh -i "raj1.pem" ubuntu@ec2-13-55-120-135.ap-southeast-2.compute.amazonaws.com`

3- `$ sudo yum update -y`

4- `$ sudo yum upgrade -y`

5- `[$ sudo yum install httpd -y`

6- `$ sudo systemctl start httpd`

7- `$ sudo systemctl enable httpd`

```
8- $ sudo systemctl status httpd
```

```
9- $ cd /var/www/html
```

```
10- $ sudo nano index.html
```

**Step 8: save file using ctrl+ o**

**Step 9: go to instances and copy public address and search**

Hello, I'm Raj!

Welcome to my simple website.

